

JC14 Rec'd PCT/PTO 23 SEP 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
	)	
Susumu NODA et al.	)	Group Art Unit:
	)	
Application No.: Unassigned	)	Examiner:
	)	
Filed: September 23, 2005	)	Confirmation No.:
	)	
For: TWO-DIMENSIONAL PHOTONIC	)	
CRYSTAL SURFACE-EMITTING	)	
LASER	)	
	)	
	)	

## FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The listed documents were cited in the International Search Report in the corresponding PCT application.

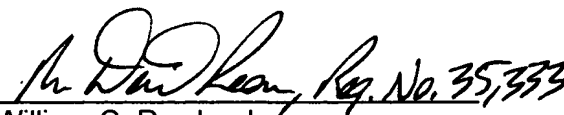
To assist the Examiner, the documents are listed on the attached form PTO-1449. However, copies of the documents are not provided as it is understood that they have already been transmitted by the International Bureau. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date September 23, 2005

By:

  
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Substitute for form 1449A/PTO & 1449B/PTO			<b>Complete if Known</b>		
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>			Application Number	10/550596	
			Filing Date	September 23, 2005	
			First Named Inventor	Susumu NODA et al.	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	018912-170

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	*2003-023193		Japan	01-24-2003				X			X
	*2000-332351		Japan	11-30-2000				X			X

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*O. PAINTER et al., Two-Dimensional Photonic Band-Gap Defect Mode Laser, Science, June 11, 1999, pp. 1819-1821, vol. 284, no. 5421.
	*SUSUMU NODA et al., Polarization Mode Control of Two-Dimensional Photonic Crystal Laser by Unit Cell Structure Design, Science, August 10, 2001, pp. 1123-1125, vol. 293, no. 5532.
	*HIKARU YOKOYAMA et al., Dai 64 Kai Extended abstracts; the Japan Society of Applied Physics Gakujutsu Koenkai Koen Yokoshu, 2003, Dai 3 Bunsatsu, pp. 935, 31p-ZM-8.

\* Copy Attached

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Form Letters1